

[54] **METHOD AND APPARATUS FOR CONTROLLING A SPEECH RECOGNITION FUNCTION USING A CURSOR CONTROL DEVICE**

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 [21] **Appl. No.:** **80,451**
 [22] **Filed:** **Jun. 21, 1993**

Related U.S. Application Data

[63] Continuation of Ser. No. 804,077, Dec. 6, 1991, abandoned.
 [51] **Int. Cl.⁶** **G10L 5/06**
 [52] **U.S. Cl.** **395/2.84; 395/2.4; 381/41**
 [58] **Field of Search** **381/41-45; 395/2.4, 2.84, 2, 2.79, 2.44**

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[57] **ABSTRACT**

A computer system having speech recognition functionality, a display screen, a microphone, and a mouse having pointer and voice buttons. The voice button located on the mouse is used to turn the microphone "on" and "off". The voice button in conjunction with the mouse are used to signal the computer to display the recognized spoken command. The pointer button located on the mouse is used to provide a standard "point and click" function so that a user can select text or object(s) on the display screen. The computer will apply recognized spoken commands only to the restricted selection. Voice icons are used to aid in the correction of any erroneous interpretation by the speech recognizer circuitry within the computer. A list of alternative commands are displayed in menu format associated with each icon so that the user can use the voice button and mouse to select the desired correct command. The computer then automatically corrects the erroneous interpretation. Each alternative has its own separate menu of synonyms and paraphrases to aid in locating and identifying the correct command.

35 Claims, 4 Drawing Sheets

